

Remarks

Claim 1 has been amended. Claims 1 through 9 are pending in the present application. Reexamination and reconsideration is respectfully requested.

The Examiner rejected claims 1, 2, 6 and 9 under 35 U.S.C. §103(a) as obvious over Camp, Jr., U.S. Patent No. 6,097,974 in view of Vlahos, U.S. Patent No. 5,926,751. This rejection is respectfully traversed.

Claim 1 as amended, recites in part that the reception device enable simultaneous reception of signals in two frequency bands and simultaneous outputting to two separate processing systems. Camp discloses several block diagrams of systems which all include a switch in the flow. The switch serves to move either the GPS portion of the signal received or the cellular telephone portion of the signal received to a microprocessor. Both of the signals are processed in the same processor. Lamp does not disclose or teach that the signals of two different frequency bands be simultaneously received and output to two separate processing systems. Similarly, Vlahos teaches a device for permitting the receipt of signals in multiple bands but only receiving one signal in one band at any given time.

For at least these reasons, Applicants submit that the cited prior art does not render claim 1 obvious, and thus that claim 1 is in condition for immediate allowance.

Claims 2, 6 and 9 depend from and further limit claim 1. For at least the reasons stated above with regard to claim 1, Applicants submit that claims 2, 6 and 9 are not rendered obvious by the cited prior art and are in condition for immediate allowance.

The Examiner rejected claims 3 through 5 under 35 U.S.C. §103(a) as obvious over Camp and Vlahos and further in view of Leung, U.S. Patent No. 5,719,573. This rejection is respectfully traversed.

Claims 3 through 5 depend from and further limit claim 1. As stated above with regard to claim 1, neither Camp nor Vlahos teaches or suggests that a device that simultaneously receives signals in two frequency bands and simultaneously outputs to two separate processing systems. Leung also does not teach or suggest such a device. The Examiner cites Leung merely for the inclusion of an analog/digital converter into a signal processing device.

For at least these reasons, Applicants submit that the cited prior art does not render claims 3 through 5 obvious and that claims 3 through 5 are in condition for immediate allowance.

The Examiner rejected claims 7 and 8 under 35 U.S.C. §103(a) as obvious over Camp in view of Oyagoi, U.S. Patent No. 6,292,232. This rejection is respectfully traversed.

Claims 7 and 8 depend from and further limit claim 1. As stated above with regard to claim 1, Camp does not teach or suggest that a device that simultaneously receives signals in two frequency bands and simultaneously outputs to two separate processing systems. Oyagoi does not teach or suggest such a device. Oyagoi teaches away from the simultaneous receipt and output of signals in two frequency bands in that Oyagoi teaches a device that analyzes an incoming signal to determine which frequency band it is in. Once the band is identified, Oyagoi teaches that the device be adapted to process the particular band received. Thus, only one signal may be received and output at a time.

For at least these reasons, Applicants submit that the cited prior art does not render claims 7 and 8 obvious and that claims 7 and 8 are in condition for immediate allowance.

Conclusion

The cited prior art does not render claims 1 through 9 obvious. Claims 1 through 9, as amended, are in condition for immediate allowance.

If the Examiner has any questions regarding the above Amendment and Response or feels that a telephone interview will aide the examination of the present application, the Examiner is invited to contact the undersigned attorney at 612.371.5265.

Respectfully submitted,
MERCHANT & GOULD P.C.
P.O. Box 2903
Minneapolis, Minnesota 55402-0903
(612) 332-5300

Date: January 2, 2003



By: 
Name: John J. Gresens
Reg. No.: 33,112
JJG/ARS:pll

S/N 09/511,330

Marked Up Version to Show Changes MadeIn the Claims

Please amend claim 1 as follows:

1. (AMENDED) Dual mode radio frequency reception device of the type enabling simultaneous reception firstly of multi-carrier broadcast signals in a first frequency band (11), and secondly, radio positioning signals in a second frequency band (12), (13), [characterized in that it comprises] the device comprising a single preprocessing module (21), [particularly] including a pass-band antenna filter (211) in which the pass-band includes at least the said first and second frequency bands, and simultaneously outputting firstly to a first processing system (22) for processing the multi-carrier broadcast signals, and secondly to a second processing system (23) for processing the said radio positioning signals.